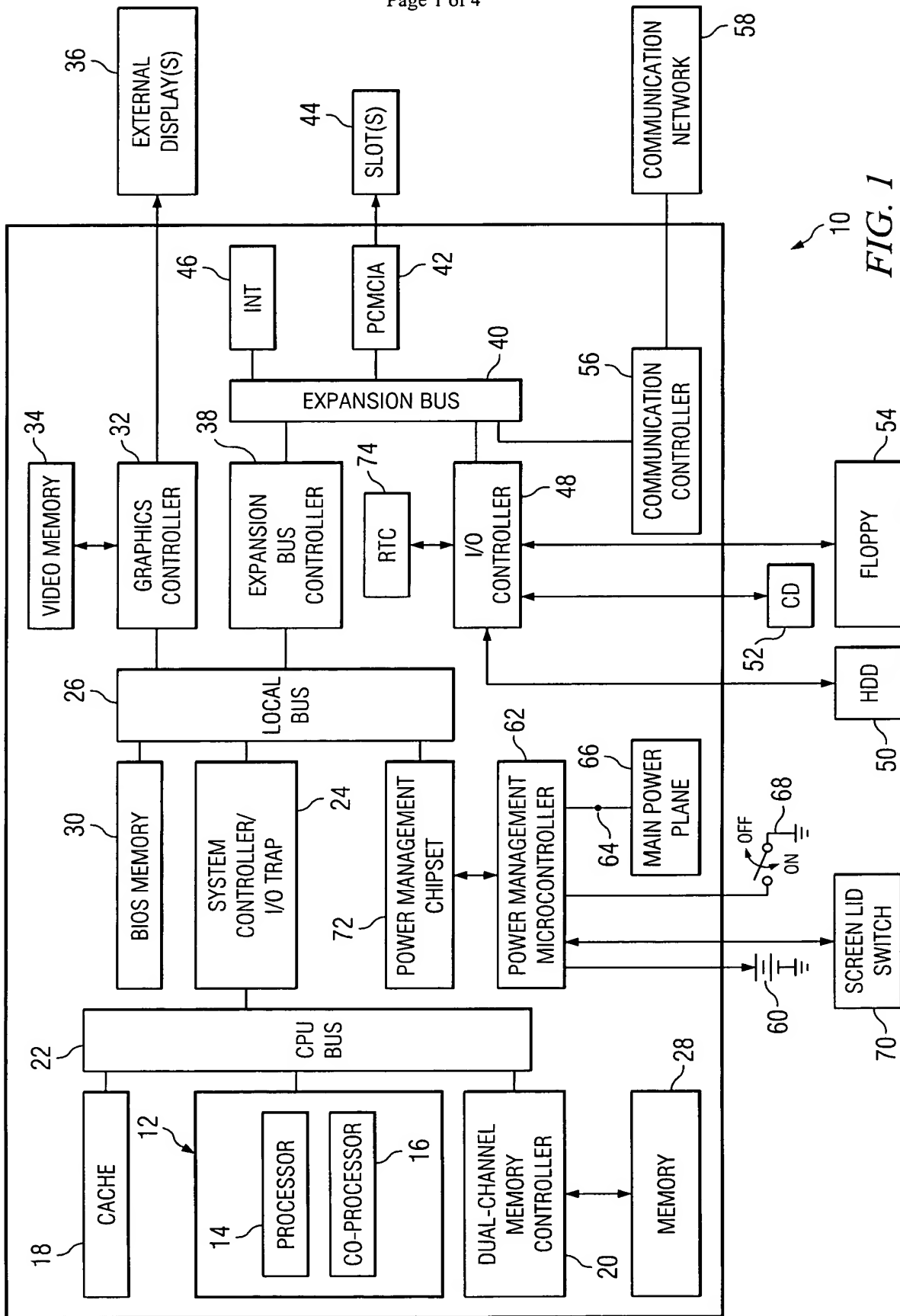*System, Method and Software for Isolating*
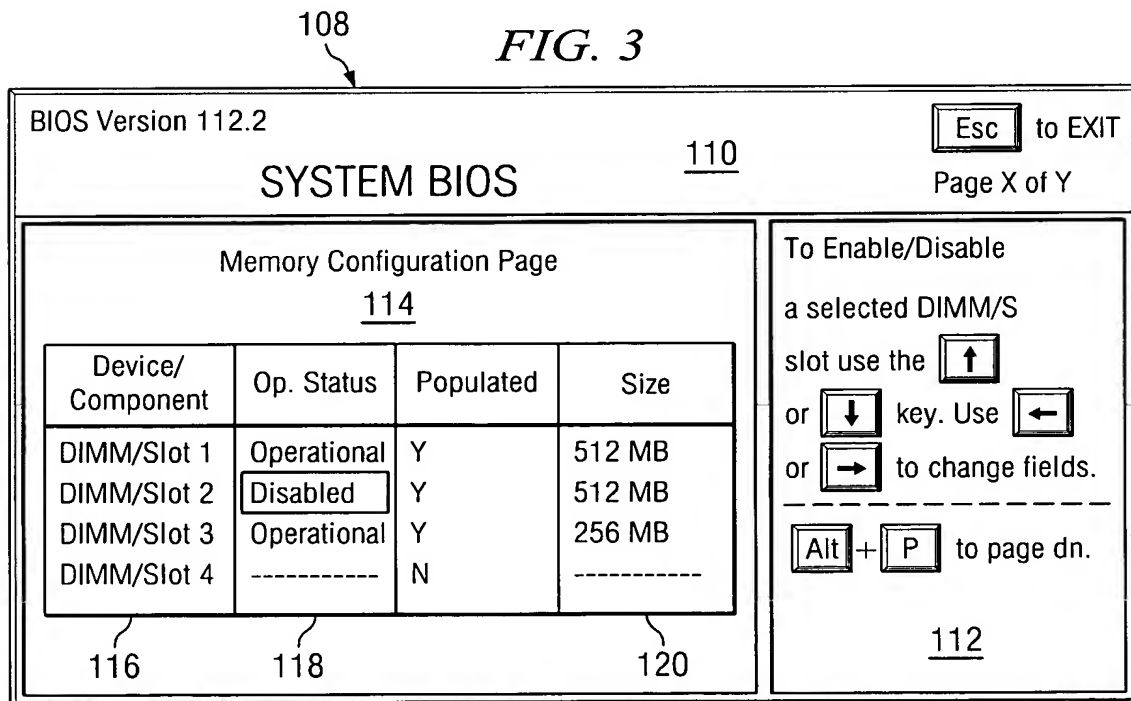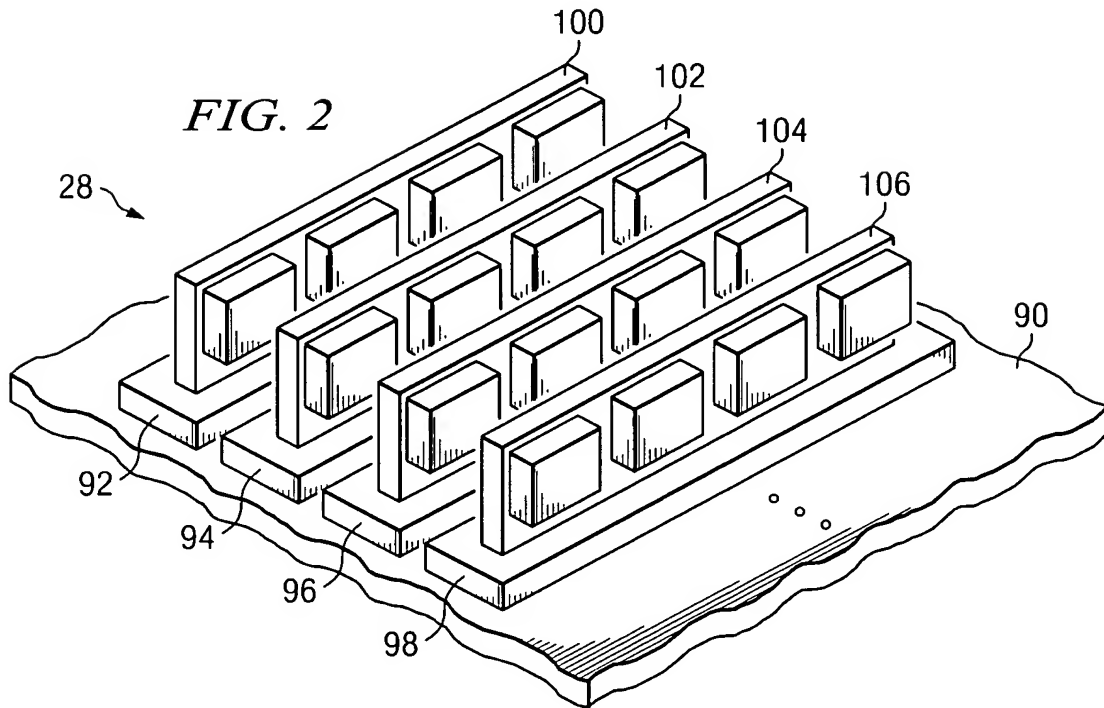*Dual-Channel Memory during*
Diagnostics
Inventors: Steve Billick et al
Attorney Docket 016295.1519 (DC-05705)
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FIG. 1

System, Method and Software for Isolating
Dual-Channel Memory during
Diagnostics
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FIG. 2

100

102

104

106

28

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92

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96

98

108

FIG. 3

BIOS Version 112.2			Esc to EXIT
SYSTEM BIOS		110	Page X of Y

Memory Configuration Page
114

Device/ Component	Op. Status	Populated	Size
DIMM/Slot 1	Operational	Y	512 MB
DIMM/Slot 2	Disabled	Y	512 MB
DIMM/Slot 3	Operational	Y	256 MB
DIMM/Slot 4	-----------	N	-----------

116   118   120

To Enable/Disable

a selected DIMM/S

slot use the ↑

or ↓ key. Use ←

or → to change fields.

Alt + P to page dn.

112

System, Method and Software for Isolating
Dual-Channel Memory during
Diagnostics
Inventors: Steve Billick et al
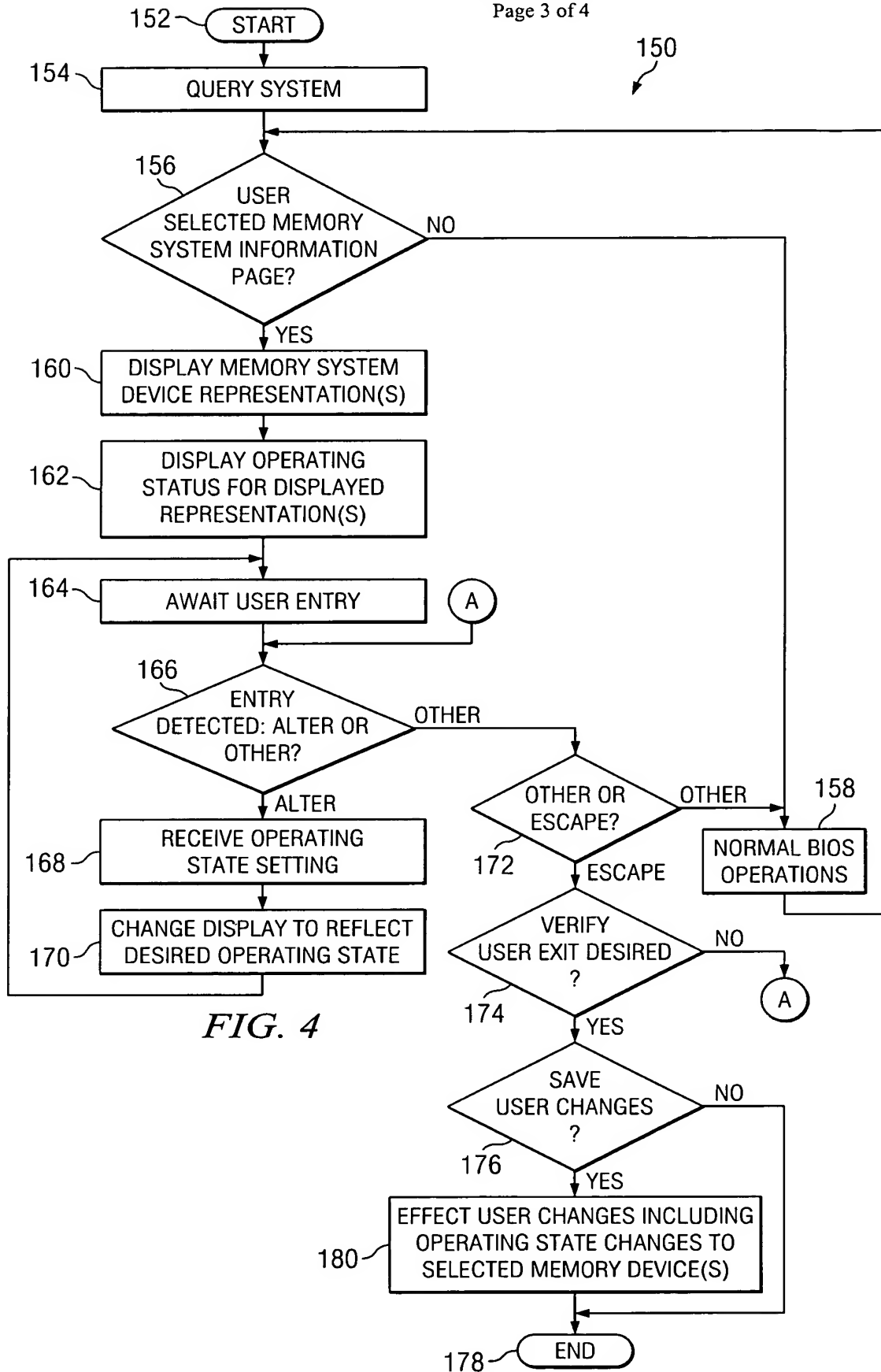Attorney Docket 016295.1519 (DC-05705)
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152 — (START)

154 — QUERY SYSTEM

150

156
USER SELECTED MEMORY SYSTEM INFORMATION PAGE? — NO

YES

160 — DISPLAY MEMORY SYSTEM DEVICE REPRESENTATION(S)

162 — DISPLAY OPERATING STATUS FOR DISPLAYED REPRESENTATION(S)

164 — AWAIT USER ENTRY (A)

166
ENTRY DETECTED: ALTER OR OTHER? — OTHER

ALTER

168 — RECEIVE OPERATING STATE SETTING

170 — CHANGE DISPLAY TO REFLECT DESIRED OPERATING STATE

172
OTHER OR ESCAPE? — OTHER

158
NORMAL BIOS OPERATIONS

ESCAPE

174
VERIFY USER EXIT DESIRED ? — NO (A)

YES

176
SAVE USER CHANGES ? — NO

YES

180 — EFFECT USER CHANGES INCLUDING OPERATING STATE CHANGES TO SELECTED MEMORY DEVICE(S)

178 — (END)

FIG. 4

System, Method and Software for Isolating
Dual-Channel Memory during
Diagnostics
Inventors: Steve Billick et al
Attorney Docket 016295.1519 (DC-05705)
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FIG. 5